LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
Data File : VW027786.D
Acq On : 19 Dec 2023 17:57
Operator : SY/MD
Sample : 05808-19
Misc : 3.56g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Title : SFAM01.0

Signal : TIC: VW027786.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	70	78	93	rBV	146926	303483	15.76%	2.358%
2	2.503	98	101	102	rBV	2076	1977	0.10%	0.015%
3	2.893	158	165	184	rBV	93339	232285	12.06%	1.805%
4	3.399	240	248	257	rVB	9477	21151	1.10%	0.164%
5	3.850	318	322	323	rBV3	680	1004	0.05%	0.008%
6	3.923	329	334	337	rBV2	199	343	0.02%	0.003%
7	4.021	339	350	363	rBV	260529	692651	35.97%	5.382%
8	4.167	365	374	389	rVB	9231	34519	1.79%	0.268%
9	4.387	404	410	415	rVB2	1316	2963	0.15%	0.023%
10	4.685	454	459	460	rBV2	1098	1347	0.07%	0.010%
11	4.923	487	498	508	rBV2	11035	35664	1.85%	0.277%
12	5.789	633	640	649	rBV6	1178	3807	0.20%	0.030%
13	5.947	654	666	676	rBV2	4679	13783	0.72%	0.107%
14	6.136	695	697	701	rVB2	301	361	0.02%	0.003%
15	6.911	815	824	834	rBV3	3078	8836	0.46%	0.069%
16	7.094	844	854	876	rBV	42605	137197	7.13%	1.066%
17	7.289	884	886	891	rVB3	346	385	0.02%	0.003%
18	7.557	922	930	935	rBV4	1503	3966	0.21%	0.031%
19	7.648	935	945	961	rVV	331285	810399	42.09%	6.296%
20	8.118	1018	1022	1025	rBV2	220	340	0.02%	0.003%
21	8.276	1036	1048	1066	rBV2	666664	1925564	100.00%	14.961%
22	8.520	1085	1088	1089	rBV2	533	579	0.03%	0.004%
23	8.563	1089	1095	1099	rVV5	1353	3101	0.16%	0.024%
24	8.605	1100	1102	1106	rVB4	444	551	0.03%	0.004%
25	8.709	1111	1119	1127	rBV	12389	28219	1.47%	0.219%
26	8.843	1132	1141	1160	rVB	717580	1424831	74.00%	11.070%
27	9.075	1175	1179	1183	rBV3	727	763	0.04%	0.006%
28	9.276	1202	1212	1223	rBV	413849	858186	44.57%	6.668%
29	9.410	1228	1234	1244	rVV	23163	46565	2.42%	0.362%
30	9.520	1249	1252	1254	rVB2	375	401	0.02%	0.003%
31	9.557	1254	1258	1259	rBV2	323	350	0.02%	0.003%
32	10.032	1328	1336	1351	rBV	223520	403111	20.93%	3.132%
33	10.154	1351	1356	1360	rVB5	775	1609	0.08%	0.013%
34	10.319	1373	1383	1398	rBV	879574	1612175	83.72%	12.526%
35	10.428	1398	1401	1405	rVB3	1755	2496	0.13%	0.019%
36	10.501	1409	1413	1418	rVB3	1113	1826	0.09%	0.014%

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ClientSampleId :
C0B15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Title : SFAM01.0

37	10.575	1418	1425	1434	rBV	126749	218883	11.37%	1.701%
38	10.697	1440	1445	1451	rVV2	6902	11897	0.62%	0.092%
39	10.751	1451	1454	1459	rVB5	1121	1865	0.10%	0.014%
40	10.849	1467	1470	1475	rBV2	255	351	0.02%	0.003%
41	10.922	1475	1482	1495	rBV	203316	345062	17.92%	2.681%
42	11.068	1500	1506	1521	rVB	158737	263564	13.69%	2.048%
43	11.568	1584	1588	1590	rVV3	896	1069	0.06%	0.008%
44	11.629	1590	1598	1607	rVV	784136	1316007	68.34%	10.225%
45	11.733	1609	1615	1623	rVV	10438	19752	1.03%	0.153%
46	11.831	1625	1631	1643	rBV	55350	102353	5.32%	0.795%
47	11.946	1645	1650	1657	rVB7	2040	4398	0.23%	0.034%
48	12.026	1657	1663	1672	rBV3	3020	6604	0.34%	0.051%
49	12.160	1679	1685	1693	rVB	27030	44544	2.31%	0.346%
50	12.233	1693	1697	1698	rBV2	585	574	0.03%	0.004%
51	12.337	1708	1714	1722	rVV2	13964	23652	1.23%	0.184%
52	12.458	1731	1734	1735	rBV	450	404	0.02%	0.003%
53	12.513	1738	1743	1747	rVV4	1049	1569	0.08%	0.012%
54	12.605	1751	1758	1764	rVV2	21742	34418	1.79%	0.267%
55	12.690	1764	1772	1780	rVV	265787	426758	22.16%	3.316%
56	12.891	1796	1805	1809	rBV5	2915	6418	0.33%	0.050%
57	12.934	1809	1812	1820	rVB4	2527	4903	0.25%	0.038%
58	13.038	1825	1829	1834	rVB2	4023	6337	0.33%	0.049%
59	13.099	1834	1839	1843	rBV5	1743	3310	0.17%	0.026%
60	13.153	1843	1848	1852	rVV2	10677	16635	0.86%	0.129%
61	13.208	1853	1857	1865	rVV2	9600	17581	0.91%	0.137%
62	13.288	1865	1870	1876	rVB5	2718	6365	0.33%	0.049%
63	13.391	1881	1887	1895	rBV3	14079	25400	1.32%	0.197%
64	13.470	1895	1900	1902	rBV5	1186	1667	0.09%	0.013%
65	13.501	1903	1905	1906	rVB2	649	411	0.02%	0.003%
66	13.556	1906	1914	1925	rBV	435001	689955	35.83%	5.361%
67	13.641	1925	1928	1932	rBV4	1857	2695	0.14%	0.021%
68	13.757	1944	1947	1949	rBV3	493	705	0.04%	0.005%
69	13.800	1952	1954	1955	rVV2	512	439	0.02%	0.003%
70	13.848	1955	1962	1974	rVV	336709	550230	28.58%	4.275%
71	13.983	1982	1984	1986	rBV2	662	668	0.03%	0.005%
72	14.013	1986	1989	1991	rVV2	1420	1564	0.08%	0.012%
73	14.062	1992	1997	2004	rVB2	14467	25396	1.32%	0.197%
74	14.184	2014	2017	2024	rBV7	1162	2666	0.14%	0.021%
75	14.281	2031	2033	2034	rBV2	397	422	0.02%	0.003%
76	14.318	2034	2039	2047	rVV2	10446	19659	1.02%	0.153%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Title : SFAM01.0

77	14.415	2054	2055	2058	rBV2	398	500	0.03%	0.004%
78	14.495	2063	2068	2070	rBV3	1747	2852	0.15%	0.022%
79	14.556	2076	2078	2082	rVB3	446	346	0.02%	0.003%
80	14.629	2084	2090	2091	rBV5	601	1056	0.05%	0.008%
81	14.714	2100	2104	2110	rVB2	6128	9044	0.47%	0.070%
82	14.787	2113	2116	2118	rBV3	299	370	0.02%	0.003%
83	14.952	2136	2143	2150	rBV7	1624	3818	0.20%	0.030%
84	15.080	2162	2164	2169	rVB3	534	836	0.04%	0.006%
85	15.135	2169	2173	2174	rBV4	760	752	0.04%	0.006%
86	15.171	2174	2179	2184	rBV6	1447	2583	0.13%	0.020%
87	15.360	2207	2210	2212	rVV4	685	1081	0.06%	0.008%
88	15.397	2213	2216	2221	rVV3	1388	2130	0.11%	0.017%
89	15.482	2225	2230	2234	rVV3	3791	6491	0.34%	0.050%
90	15.543	2236	2240	2244	rVB4	2581	4485	0.23%	0.035%
91	15.757	2271	2275	2276	rBV3	712	841	0.04%	0.007%
92	15.781	2276	2279	2280	rVV	1100	1319	0.07%	0.010%
93	15.848	2284	2290	2294	rBV5	1584	3561	0.18%	0.028%
94	15.946	2304	2306	2307	rBV2	766	619	0.03%	0.005%
95	16.147	2336	2339	2342	rBV3	527	705	0.04%	0.005%
96	16.177	2342	2344	2346	rVV2	475	447	0.02%	0.003%
97	16.208	2347	2349	2351	rVV2	993	687	0.04%	0.005%
98	16.305	2362	2365	2367	rBV3	412	530	0.03%	0.004%
99	16.366	2371	2375	2378	rVB4	641	803	0.04%	0.006%
100	16.482	2390	2394	2397	rVB5	591	1057	0.05%	0.008%

Sum of corrected areas: 12870851

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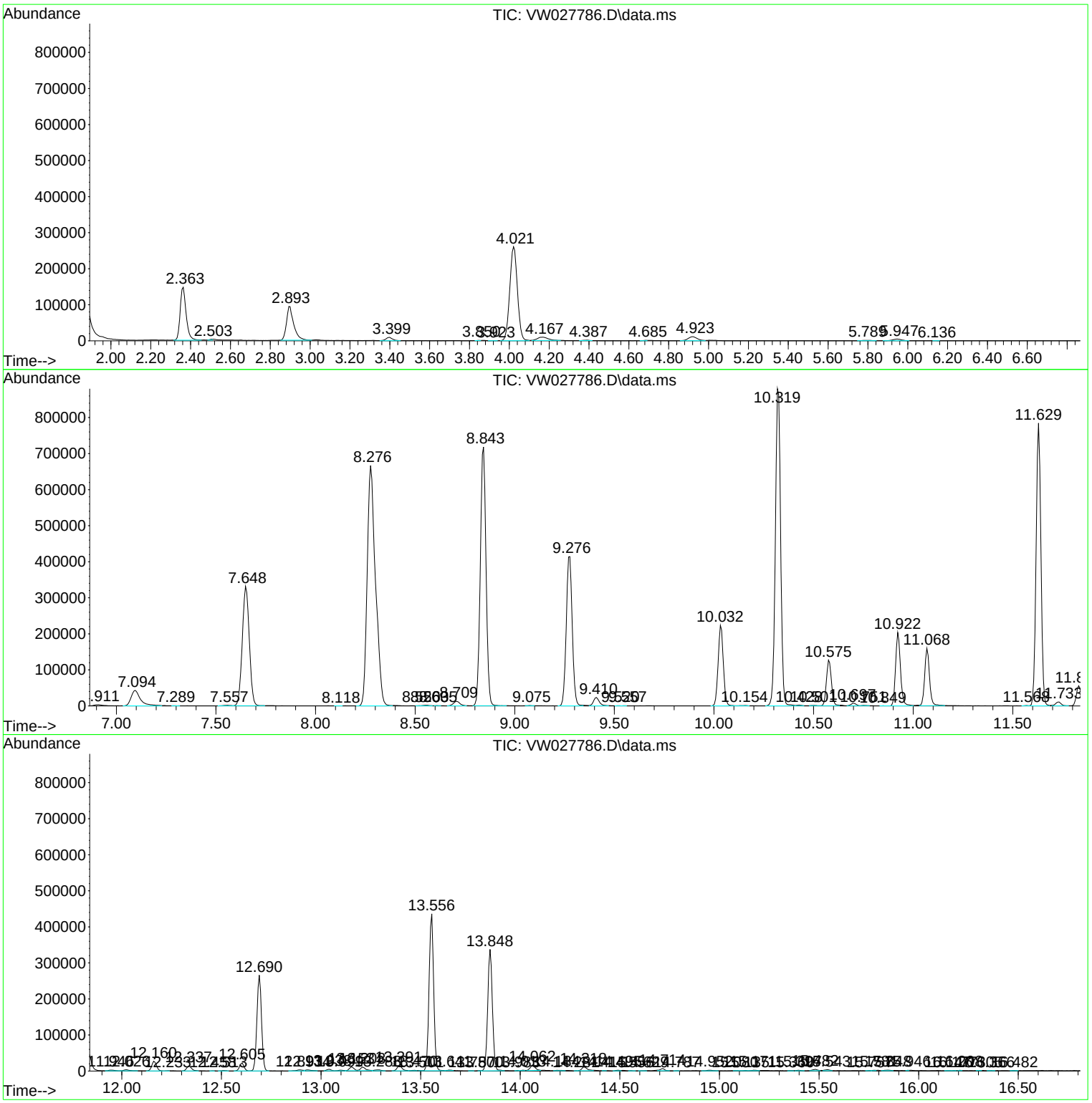
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

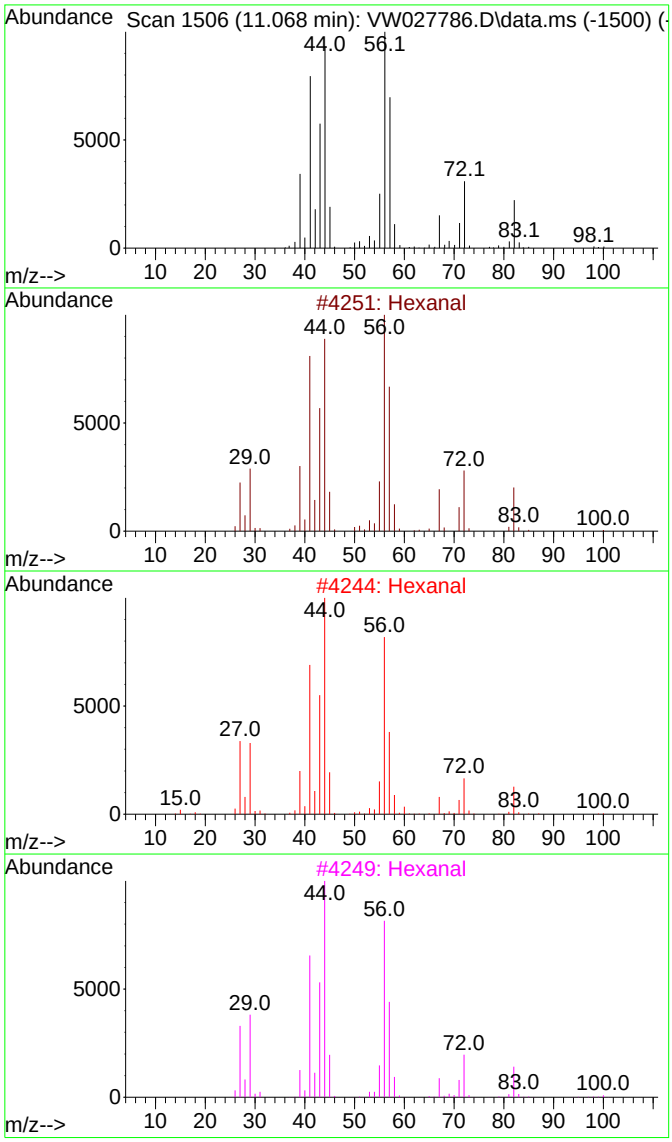
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

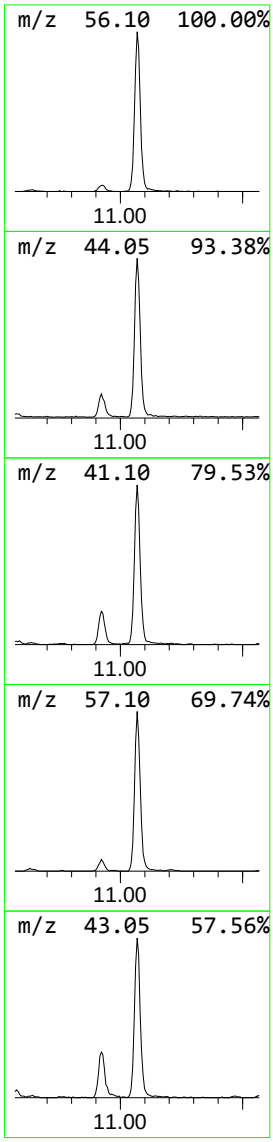
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	5.01 ug/L	263564	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	97
2	Hexanal	100	C6H12O	000066-25-1	94
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	90
5	Hexanal	100	C6H12O	000066-25-1	83





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	11.069	5.0	ug/L	263564	2	11.629	1316010	25.0